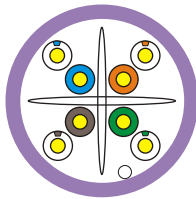
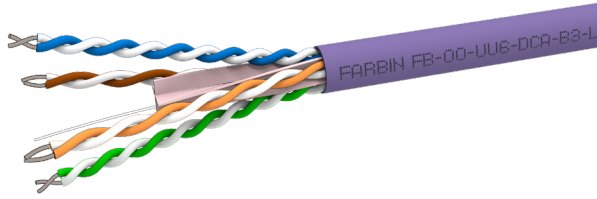


FB-00-UU6-DCA-B3-LILBL

CPR Euro-Class Dca



SPECIFICATION SHEET



- White-Blue/Blue
- White-Orange/Orange
- White-Brown/Brown
- White-Green/Green
- Separator
- Rip-cord
- Outer Jacket

Description

FARBIN FB-00-UU6-DCA-B3-LILBL, 4-Pair U/UTP 450MHz Cat.6 cable, 23AWG (~0.565) solid bare copper, Rip cord, LSFH Class Dca s2, d2, a1 jacket, Blue Lilac color

Standards

- ANSI/TIA 568.2-D
- ISO/IEC 11801 Class E
- IEC 61156-5
- EN50173-1
- EN 50288-6-1
- IEEE 802.3bt PoE Type 1 (15.4W) formerly 802.3af
- IEEE 802.3bt PoE Type 2 (30W) formerly 802.3at
- IEEE 802.3bt PoE Type 3 (60W)
- IEEE 802.3bt PoE Type 4 (90W)
- IEEE 802.3bt standard up to 0.5Amp. Per conductor
- Cisco UPOE (60 Watts), Cisco UPOE+ (90 Watts)
- Power over HDBaseT™ PoH (95 Watts)

Fire Standards

Classification/ EuroClass	EN 50575, EN 13501-6 CPR Rating Dca s2, d2, a1
Single Cable Flame Rating	IEC 60332-1-2
Smoke Emission	EN 13501-6 (s2) EN 61034-2 Light transmittance ≥80%
Acid Gas Emission	IEC 60754 (a1)
Bundled Cable Flame Rating	UL 1666 Riser (CMR) IEC 60332-3-24

FARBIN Category 6 U/UTP cable exceed performance ANSI/TIA-568.2-D and ISO/IEC 11801 class E component-rated standards.

Certified channel performance in a **4-connector** configuration up to 100m and exceeds category 6 and Class E standards beyond the 250 MHz frequencies and up to **450MHz**.

The copper conductors shall be twisted in pairs, separated by a cross-divider and covered by a low smoke, flame-retardant with **CPR Dca** (LSFH) rated outer jacket.

Key Features and Benefits

- Cable has been tested as part of FARBIN copper Cable system with electrical channel requirements of **4-connector** standard
- Certified TCL & ELTCL Common Mode (CM) for running PoE+ and PoE++
- Certified extended test result beyond the Cat.6 and Class E standard frequencies up to **450MHz**
- CPR Dca rated with FRNC & LSFH jacket

Physical Characteristics

Conductor	4-Pair solid bare copper
AWG (mm)	23 (0.565 ±0.005)
Insulation	HDPE (O.D: 0.99 ±0.08mm)
Jacket	Surface clean, frap, satiation External O.D: 6.2 ±0.4mm CPR Dca s2, d2, a1 (FR-LSZH) Blue Lilac (RAL4005) Sequential marking at one meter
Rip Cord	Yes
Packing	The REELEX® box (305m ±1.5m)

Mechanical Characteristics

Operating Temperature Range	Storage: -20°C to +60°C Installation: 0°C to +50°C Operating: -20°C to +60°C
Max. Tensile Load	~11kg (110N)
Min. Bend Radius	8 x Outer Diameter (Installation) 4 x Outer Diameter (Operation) Cold bend (-20 ±2°C ×4h) 8×Cable O.D., No visible cracks
NVP	68%

The information contained in this document is valid and correct at the time of issue. FARBIN reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.